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>

> ----- Original Message -----

> From: Stevens.Amanda@epamail.epa.gov <Stevens.Amanda@epamail.epa.gov>

> To: Wagley, Subid

> Cc: Taddonio.Kristen@epamail.epa.gov <Taddonio.Kristen@epamail.epa.gov>

> Sent: Fri Jan 21 16:38:41 2011

> Subject: Fw: Energy Star on Clothes Washers - question from PG&E

>

>

> Hi Subid -- I had received an inquiry from your old stomping grounds;
> perhaps you even know him. Mark Chew would like to understand the DOE
> incremental cost methodology in more detail, that you use in the rule
> making analysis (specifically, for clothes washers). Could you
> recommend someone we could refer Mark too?

>
> I had a second clothes washer question that Kristen and I wanted to run
> by you on Washers and Top Tier. I know there's been a bunch of
> discussion over washers, namely that its only the very biggest ones that
> are the most efficient (in terms of MEF). As you know I think, we've
> been talking about including an additional requirement for top tier,
> that washers also have adaptive control technologies to adapt for
> different load sizes, so that if one was running a smaller load with one
> of these very large washers, you'd be using (proportionably?) less
> energy/water. Do you know if DOE has information as to the
> effectiveness of this type of adaptive control technology? Would these
> get you pretty close to the energy/water used per cycle, if you were
> running that smaller load, in smaller washer more appropriately sized to
> that load?

>
> Thanks
> Amanda

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>
> Amanda Stevens
> ENERGY STAR Program
> U.S. Environmental Protection Agency
> stevens.amanda@epa.gov
> www.energystar.gov
> Phone: 202-343-9106
> Fax: 202-343-2200

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> ----- Forwarded by Amanda Stevens/DC/USEPA/US on 01/21/2011 04:24 PM

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> From: "Chew, Mark"
> To: Amanda Stevens/DC/USEPA/US@EPA
> Date: 01/21/2011 03:06 PM
> Subject: Energy Star on Clothes Washers - question from PG&E

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>
> Hi Amanda,

>
> Thanks again for the information. Can Liang (my manager) and I set up a
> time to discuss this with you next week?

>
> We're trying to find a way to improve the incremental measure cost for
> our clothes washer program, and as part of this, we want to understand
> the methodology for previous calculations. (ie. how Navigant did it)

>
> Thursday afternoon 1/27 or Friday morning 1/28 would work best for us,
> if this is OK for you. Thanks!

>
> Mark
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> Mark Chew
>
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> From: Stevens.Amanda@epamail.epa.gov [
> mailto:Stevens.Amanda@epamail.epa.gov]
> Sent: Monday, January 03, 2011 12:17 PM
> To: Chew, Mark
> Cc: Taddonio.Kristen@epamail.epa.gov
> Subject: RE: Energy Star on Clothes Washers - question from PG&E
>
> Mark,
> No problem at all, let us know if you have any further questions.
> Happy New Year!
>
> Best,
> Amanda
>
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> -----"Chew, Mark" wrote: -----
> To: Amanda Stevens/DC/USEPA/US@EPA
> From: "Chew, Mark"
> Date: 12/30/2010 11:47AM
> Cc: Kristen Taddonio/DC/USEPA/US@EPA
> Subject: RE: Energy Star on Clothes Washers - question from PG&E
> Amanda,
>
> Thanks for this information - it helps us a lot in our strategy for
> appliances going forward.
>
> Mark
>
> Mark Chew
>
|
> From: Stevens.Amanda@epamail.epa.gov [
> mailto:Stevens.Amanda@epamail.epa.gov]
> Sent: Monday, December 27, 2010 4:43 PM
> To: Chew, Mark
> Cc: Taddonio.Kristen@epamail.epa.gov
> Subject: Re: Energy Star on Clothes Washers - question from PG&E
>
> Hi Mark --
> Here's some information and links to a couple documents in response to
> your questions:
>
> - Under the terms of the new MOU signed by EPA and DOE in late 2009, the
> "Enhanced Program Plan" specifies "For product categories with

> longer-lived product models (e.g. heating and
> cooling, home appliances), specifications will be reviewed for a
> possible revision at a minimum of every three years or once the market
> share for ENERGY STAR
> qualifying products reaches about 35%." This document is found at:
> <http://www.energystar.gov/index.cfm?c=partners.mou> Essentially,
> looking forward, the program is putting a very high priority on keeping
> specification fresh/up-to-date.
>
> - In terms of your question on how much to change the level, Energy Star
> program considers (and balances) a number of factors, which are laid out
> in this document "Energy Star Specification Development Guiding
> Principles" found here:
> [http://www.energystar.gov/index.cfm?](http://www.energystar.gov/index.cfm?c=prod_development.prod_development_spec_rev)
c=prod_development.prod_development_spec_rev
>
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> ;
>
> - Incremental measure costs are estimated after looking at a variety of
> the data-sources; especially for home appliances such as clothes
> washers, there is usually some data available on incremental costs
> associated with higher efficiency levels, that the DOE
> collects/develops through their rule making process to amend minimum
> energy conservations standards. However, this data can also be a few
> years old (and has, at least in the past, been shown to overestimate
> these costs; which end up being somewhat lower due to a variety of
> factors such as learning effects, economies of scale, etc. that will
> drive costs down as nascent technologies become more widespread, and
> because manufacturers often find a better and cheaper way to meet a
> performance standard than the pathway the DOE has assumed), so the
> program also collects and considers more up-to-date pricing data by
> looking at current retail prices, in order to develop estimates of the
> price differential a consumer will see.
>
> Let me know if this helps, and if if you have any further questions, I
> will be in the office this week through Thursday (202.343.9106).
>
> Cheers,
> Amanda
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> -----Kristen Taddonio/DC/USEPA/US wrote: -----
> To: "Chew, Mark"
> From: Kristen Taddonio/DC/USEPA/US
> Date: 12/27/2010 02:38PM
> Cc: "Amanda Stevens" <Stevens.Amanda@epamail.epa.gov>
> Subject: Re: Energy Star on Clothes Washers - question from PG&E
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>

> Hi Mark,

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> I think these questions would be best answered by my co-worker Amanda
> Stevens, copied here.

>

> Happy holidays!

>

> Kristen

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> From: "Chew, Mark" [REDACTED]

> Sent: 12/27/2010 11:17 AM PST

> To: Kristen Taddonio

> Subject: Energy Star on Clothes Washers - question from PG&E

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> Hi Kristen,

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> I'm in PG&E's demand-side core products group, and my colleague Joanne
> Medvitz recommended that I contact you about the clothes washer program.
> Specifically, I'd like to ask about:

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> - How the standard (MEF) is determined - when the Energy Star
> standard becomes higher and how much to change it each time.

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>

> - How Energy Star determines incremental measure cost.

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> Can I set up a time to call you about this? Alternatively, can you
> either send me a link or refer me to a more appropriate person at Energy
> Star?

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> Thanks!

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> Mark

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>

> Mark Chew [REDACTED]

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Five (5) of eight (8) pages *are referred to the Environmental Protection Agency (EPA) for review and a release determination.*